

Gas Plasma Dry Cleaner

Multi Stage Plasma Cleaner

PDC610G

High-frequency Output 600W

Stage size 250 x 220 mm
1-stage, 2-stages, 3-stages selectable

Standards FCC / CE compliant

FCC and CE certified compact plasma cleaner with selectable RIE / DP modes and switchable electrodes (1 to 3 stages) covering a wide range of applications



■ Features

- Maximum power of 600W with compact package
- Electrodes can be switched among 1-stage, 2-stages, and 3-stages
- Supports processing of a vertical magazine
- RIE/DP modes selectable
- Supports integrated data logger (optional)
- Matching point memory function (optional)
- Complies with FCC and CE standards

■ Applications

- Improvement of adhesiveness of various materials and surface reformation
- Light ashing and light etching process
- Pretreatment of implemented board bonding, plastic package and print board plating
- Processing of LED related commercial products
- Cleaning of electronic parts
- Resist peeling or residue removal after wetting process
- Cleaning of accuracy parts including optics and optical fibers, or machine parts
- Reformation of resin surface including fluoro resin

■ Specifications

Model	PDC610
Plasma mode	RIE/DP selectable
Electrode structure	3-stage independent parallel flat plates
Vacuum gauge	Capacitance manometer
High frequency output	Max 600W
Oscillation frequency	13.56MHz Quartz oscillator
Output setting method	Manual setting on LCD touch panel
Matching method	Auto tuning
Control device	Sequencer
Display	LCD touch panel
Chamber size	W350 x D270 x H300 mm
Stage size	W250 x D220mm Three stages
Chamber material	Aluminum
Reactive gas	2 systems (Argon and Oxygen)
Purge gas	Nitrogen or dry air
Vacuum pump	Rotary vacuum pump (Approx. 345 L/min)
External dimension	W600 x D722 x H700 mm
Exterior material	Stainless steel
Power source	3-phase AC200V~AC230V 50/60 Hz 15A (vacuum pump included)
Standards	FCC / CE marking

Chamber



Plasma Discharge

